**Aerostructures Assembly**

The Aerostructures Assembly Plants are located in Hyderabad, India and Two of these Plants are Joint Venture Companies with Lockheed Martin and Boeing.

Tata Advanced Systems is India’s largest Aerostructure Assembly Company in the Private Sector, having established Joint Ventures with Global Giants like Boeing, Lockheed Martin and Sikorsky apart from several global relationships with OEMs. While building Large and Complex Assemblies, we source our detail parts from in-house companies as well as a network of Global Suppliers with whom we have long term relationships. We also actively develop Supply Chain Partners in India, some of who have reached levels where they also cater to demands of other Global OEMs.

**Major Aerostructures Assembly Programs**

**Sikorsky S-92 Cabin - Global Single Source**

Setup as a Greenfield Facility, Tata Advanced Systems has supplied over 150 cabins so far. In addition to the assembled cabin, we also manufacture over 5,000 precision machined and fabricated parts in our Detail Part Manufacturing Facility as well as install the Wire Harnesses. A highly successful helicopter program of Sikorsky, the S-92 is widely used for VVIP Travels, Search and Rescue and for Offshore Oil and Gas Operations.

**C-130J Empennage - Global Single Source**

Setup as a Greenfield Facility as a Joint Venture Company with Lockheed Martin Aeronautics, Tata Advanced Systems manufacture the detail parts and assemble the full Empennage of the Lockheed Martin C-130J Super Hercules Tactical Military Transport Aircraft. So far, over 100 Empennages have been built and supplied.

**Pilatus PC-12 Green Airframe**

A Brownfield Expansion, this facility is one of two Global Sources for the Assembly of the complete Airframe of the Pilatus PC-12. Tata Advanced Systems assembles the Full Fuselage, Doors, Wings and Control Surfaces – Aileron, Rudder, Flaps and Fins, with Electrical and Mechanical Installs. Special Painting and Pressure Test Infrastructure has been uniquely developed for this program, which is used for manufacturing upto 4 Airframes every month. The Pilatus PC-12 is a Single Engine Turboprop Passenger and Cargo Aircraft manufactured by Pilatus Aircraft Switzerland.

**Cobham Mission Systems Refuelling Pods - Global Single Source**

Tata Advanced Systems manufactures the Detail Parts and Assembles the Air to Air Refueling Pods for Cobham Mission Systems, Wimborne United Kingdom. We deliver four different variants of the Refueling Pods to Cobham, which go on the Airbus A400M and A330 Aircrafts. Cobham Mission Systems is the world leader in Aerial Refueling

**Boeing CH-47 Chinook Crown and Tailcone - Global Single Source**

Tata Advanced Systems assembles these in an ITAR Controlled Facility while managing a Global and Indian Supply Chain for Detail Parts required for the Assembly. The Boeing CH-47 Chinook is a Twin-engined, Heavy-lift Helicopter.

**Global single source for the Boeing 777 / 777X Uplock Box Assembly**

Tata Advanced Systems manufactures the Detail Parts and builds the Assembly for the Uplock Box. We Manufacture and Assemble about 8 Shipsets a month.

Amongst the budding programs that are in Industrialisation, Tata Advanced Systems is emerging as a Global Single Source for the

**Boeing Apache AH64 Fuselage, Vertical Stabilisers and Secondary Aerostructures**

A Greenfield Joint Venture with Boeing, Tata Advanced System manufactures and manages a Global Supply Chain and Assembles the Apache AH64 Helicopter Fuselage, SAS and VSB, Wings, Trailing Edge, Nacelles and Doors. The Apache AH 64, is the world’s leading attack helicopter.